

<http://www.tandfonline.com/doi/abs/10.3846/16486897.2012.660881>

Gabor Szendro, Maria Csete, Adam Torok: Unbridgeable Gap Between Transport Policy and Practice in Hungary, JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT (ISSN: 1648-6897) 20: (2) pp. 104-109. (2012)

Abstract

Due to the increasing energy demand and mobility of the human population and in order to pursue sustainable development and decrease fossil fuel dependency there is a major need to use alternative energy sources. Nowadays the 20-20-20 policy is under revision. It has become clear that the transport sector on the EU level will not be able to meet the goal of 20% usage of renewable energy sources by 2020. Our paper investigates the possibilities of Hungary for reaching 10% of renewable energy sources in transport sector. Our research indicates that blending bioethanol and biodiesel with conventional fuels is not sufficient not provide an effective and alternative way to fulfill 10% part of transport-related energy demand. Further efforts are needed that can only be done by deep analysis of the current situation and active participation in policymaking as an additional tool of reaching the target: changing our social behaviour. Furthermore, our investigation shows that this general problem can occur not only in Hungary but in those European countries that targeted the 10% renewable energy share in their transport sector.